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Providing database as a service - ► [uci.edu](#) [PDF]

H Hacigumus, B Iyer, S Mehrotra - Proc. of ICDE, 2002 - doi.ieeecomputersociety.org

... if we were to encrypt the column discount of ... of a single table, lineitem, and computes multiple aggregates ... level encryption, and page level encryption for Query ...

Cited by 129 - Related articles - Web Search - BL Direct - All 14 versions

PERFORMANCE-CONSCIOUS KEY MANAGEMENT IN ENCRYPTED DATABASES

H Hacigumus, S Mehrotra - Research Directions In Data And Applications Security XVIII: ..., 2004 - books.google.com

... which key had been used to encrypt the record. KID column in the encrypted storage model (Section ... Maintaining multiple identification numbers for the keys also ...

Cited by 5 - Related articles - Web Search

Database System Providing SQL Extensions for Automated Encryption and Decryption of Column Data

RK Chitkara, BJ Banks, AR Patel - US Patent App. 10/711,929, 2004 - Google Patents

... tables with encrypted col- umn data; receiving an SQL statement specifying creation of a particular column encryption key; receiving an SQL state- ment ...

Web Search

Cryptographic infrastructure for encrypting a database

AC Newman, J Mari - US Patent App. 10/230,462, 2002 - Google Patents

... the encryption keys for a column where multiple users can ... infra- structure that provides database column and row ... a PL/SQL programmer to use encryption as he or ...

Related articles - Web Search - All 4 versions

... , authorization and accounting server with support for multiple transport protocols and multiple ...

B Lloyd, G McGregor - US Patent 6,219,790, 2001 - freepatentsonline.com

... The encryption key is referred to herein as a ... This facilitates support for multiple authentication transport protocols. ... service in the select input column 536. ...

Cited by 11 - Related articles - Web Search - All 3 versions

A Framework for Efficient Storage Security in RDBMS - ► [uci.edu](#) [PDF]

B Iyer, S Mehrotra, E Mykletun, G Tsudik, Y Wu - LECTURE NOTES IN COMPUTER SCIENCE, 2004 - Springer

... Attribute/column: a more ... block: this approach is geared for automating the encryption process ... One such block might contain one or multiple tuples, depending on ...

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Information security with special reference to database interconnectivity. - ► [rau.ac.za](#) [PDF]

M Coetzee - 2003 - etd.rau.ac.za

... It uses multiple untrusted DBMSs, ... more granular level such as a row, a column or a field. ... specified encryption key to produce an encrypted version of the data. ...

Cited by 1 - Related articles - View as HTML - Web Search

SYSTEM AND METHOD FOR RESTRICTING UNAUTHORIZED ACCESS TO A DATABASE

GB GARRISON - US Patent App. 09/146,411, 1998 - Google Patents

... the request into an appropriate SQL query and ... the information with the new encryption key sent to ... may have to request information from multiple remote servers ...

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System and method for restricting access to a data table within a database

GB Garrison - US Patent 6,336,114, 2002 - [Google Patents](#)

... User Contacts Server 105 Server Returns Encryption Key to Client ... where each data table include multiple columns of ... In this regard, a column of information in ...

[Cited by 6](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)

Method and apparatus for improved information transactions

CM Wamock, RM Holzgrafe, TJ Santos, JC Nolan - US Patent App. 10/306,806, 2002 - [Google Patents](#)

... entire document, or an anthology of components of multiple documents. ... provide mechanisms for including various procedures related to encryption and security ...

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Key authors: [H Hacigumus](#) - [B Iyer](#) - [S Mehrotra](#) - [W Itani](#) - [H Sutter](#)

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